

PM 31 1448-259

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 1448-259	DATE OF ISSUANCE DEC 20 1988
	TERM OF ISSUANCE	
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)		
NAME OF PESTICIDE PRODUCT M-20-4		

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Buckman Laboratories, Inc.
 2156 North McLean Boulevard
 Memphis, TN 38108

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.


Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 1448-259" to your label before you release the product for shipment.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.


 John H. Lee
 Product Manager (31)
 Antimicrobial Program Branch
 Registration Division (TS-767C)

Enclosures

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL	DATE
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ACCEPTED
with COMMENTS
in EPA Letter Dated:

DEC 20 1988

M-20-4

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide
registered under EPA Reg. No.

1748-259

ACTIVE INGREDIENTS:

Methylene bis(thiocyanate) 10%
2-(Thiocyanomethylthio)benzothiazole 10%

INERT INGREDIENTS 80%

KEEP OUT OF REACH OF CHILDREN
DANGER

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive, causes irreversible eye damage and causes skin damage. Harmful or fatal if swallowed or absorbed through the skin. This product is a potential skin sensitizer. Workmen handling this product or treated material should wear impervious gloves, goggles or face shield, and protective clothing. All protective clothing, work shoes or boots, and equipment must be left at the work site at the end of the day. Eating, drinking, or smoking during use of this product is prohibited.

FIRST AID: In case of skin contact, wash promptly and thoroughly with soap and water and finally with glycerin. If product gets in the eyes, flush immediately with copious amounts of clean, cool water for 15 to 30 minutes. Get medical attention immediately. If product is swallowed, call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish. Do not apply in marine and/or estuarine oil fields. Do not discharge effluent containing this active ingredient into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL AND CHEMICAL HAZARDS: Do not use or store near heat or open flame.

Manufactured by:

Buckman Laboratories, Inc.

1256 N. McLean Blvd.

Memphis, TN 38108

EPA REG. NO.

EPA Est. No.

NET CONTENTS

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in

COOLING TOWERS: M-20-4
wood against soft or surface rot and internal or dry rot.
solution containing 0.5 to 0.7% by weight M-20-4
wood surfaces. The amount applied should provide 0.8
per 1000 ft.² of wood surface. Soft or surface rot can
M-20-4 to the rec

cold well. The dosage should provide 1.25 lb. of
1000 gal. of water, and the bleedoff should be stopped
ment should be repeated every four months.

COOLING WATER: M-20-4
and fungi in industrial recirculating cooling water systems
should be cleaned thoroughly to remove old sludge growth.
System should then be drained, flushed, refilled with water
3.7 fl. oz. of M-20-4

quent additions of 0.2 to 1.2 fl. oz. per 1000 gal. show
amount of bleedoff and severity of microbiological trouble.
DRILLING FLUIDS: To inhibit bacterial and fungal degrada-
tion of wells, M-20-4

concentrations of 0.05 to 0.25% based on the total wet weight
PETROLEUM SECONDARY RECOVERY: M-20-4
control sulfate-reducing bacteria, slime-forming bacteria,
microbial floods, water-disposal systems, and other oil-
13.0 fl. oz. of M-20-4

should be made continuously or intermittently by means of
knockouts, before or after injection pumps and injectors.
When system is noticeably fouled, add 3.9 to 13.0 fl. oz.
per 1000 gal. of water continuously until desired degree
13.0 fl. oz. M-20-4

needed to maintain control. Intermittent or Slug Method
maintain control, add 3.9 to 13.0 fl. oz. M-20-4
of water for 4 to 8 hr. per day and 1 to 4 times per week.

CRUDE AND REFINED OILS:
inhibitive for the control of bacteria and fungi that cause trouble
during storage. It should be added to the oil as it is being
the storage tank at the rate of 0.8 to 0.9 fl. oz. per
1000 gal. of oil. Addition should be made batchwise with
injection side of the transfer pump.

STORAGE & DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.
STORAGE: Do not expose to extreme temperatures. Containers
should be opened in well ventilated areas. Leaking or damaged
drums for disposal. Spills should be absorbed in sawdust.
PESTICIDE DISPOSAL: Pesticide waste, residue, or unused
pesticide, spray mixture, or rinsate is a violation of Federal law
by use according to label instructions, contact your State
or the Hazardous Waste representative of your EPA Region.
CONTAINER DISPOSAL: Triple rinse (or equivalent) before
puncture and dispose of in a sanitary landfill, by incineration,
authorities, by burning. If burned, stay out of smoke.